



033104

22651 U.S. PTO

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

☐ **Duplicate**  
(check, if applicable)

22335 U.S. PTO  
10/814889



033104

**MAIL STOP PATENT APPLICATION**    **Atty. Docket No.: 9369-100US (T37-170083M/AIO)**  
 Commissioner for Patents                      **First Named Inventor: Minoru TANAKA, et al.**  
 P.O. Box 1450                                      **Express Mail Label No.: EV434911130US**  
 Alexandria, VA 22313-1450                      **Total Pages of Transmittal Form: 3**

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**NEEDLE BEARING AND SPEED REDUCER USING THE NEEDLE BEARING**

which is:

an ☒ Original; or

a ☐ Continuation,    ☐ Divisional, or ☐ Continuation-in-part (CIP)  
 of prior Application No. \_\_\_\_ filed \_\_\_\_.

Anticipated Group/Art Unit: \_\_\_\_ or Class \_\_\_\_, Subclass \_\_\_\_.

☐ This non-provisional patent application is based on Provisional Patent Application No.  
 \_\_\_\_, filed \_\_\_\_.

Enclosed are:

☒ Specification (including Abstract) and claims: 23 pages.

☒ 3 sheets of drawings (informal).

☐ Application Data Sheet.

☒ Newly executed Declaration (copy).

☐ Copy of Declaration from prior application.

☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).

☐ Microfiche computer program (Appendix).

☐ Nucleotide and/or Amino Acid Sequence Submission, including:

☐ Computer readable copy    ☐ Paper Copy    ☐ Verified Statement.

☒ Under PTO-1595 Cover Sheet, an assignment of the invention

☒ Name of Assignee: TS Corporation

☐ Certified copy(ies) of \_\_\_\_ Application No(s). \_\_\_\_ filed \_\_\_\_ is/are filed:

☐ herewith    or    ☐ in prior application &@.

- ☐ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37 C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☐ a Non-Profit Organization.
- ☐ Preliminary Amendment.
- ☐ Information Disclosure Statement, PTO/SB/08A, and cited references.
- ☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)
- ☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE:			BASIC FEE:	
			\$385			\$770	
Total	5 - 20 =	0	X9	\$	OR	X18	\$
Independent	2 - 3 =	0	X43	\$	OR	X86	\$
<input type="checkbox"/> Multiple Dependent Claims Present			\$145	\$	OR	\$290	\$
			<b>TOTAL</b>	<b>\$</b>	<b>OR</b>	<b>TOTAL</b>	<b>\$ 770.</b>

- ☐ The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts
- ☒ A check in the amount of \$ 770 .00 to cover the filing is enclosed.
- ☒ The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-1017 (Billing No. 209369.0100)** as noted below. A duplicate copy of this sheet is enclosed.
- ☒ Any overpayments or deficiencies in the above-calculated fee.
- ☐ Filing fee in the amount of \$ \_\_\_\_\_ as calculated above.
- ☒ Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- ☒ In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS**

March 31, 2004 By: Martin G. Belisario  
(Date)

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MGB/vj

Enclosures